



ENVIRONMENTAL CONSULTANTS

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**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: August 27, 2012

Prepared By: Natural Resource Technology, Inc.
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Submitted To: Integrys Business Support, LLC
Naren M. Prasad, PE

Activity Period: August 12, 2012 through August 18, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

<i>Tasks</i>	<i>Environmental Activities</i>
General Description of Work Performed	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Tecnica continues to backfill and compact Area S and the Potential Removal Area (PRA) south of Area S. Tecnica has initiated backfill operations in the western portions of Area U and Area TA.• Tecnica completed the excavation of Area U and Area TA down to their design depths of 14 ft. bgs and have been approved for backfill operations.• Tecnica initiated the excavation of the PRA south of Areas T and TA. This area was also extended 10 ft. to the south due to visually impacted soils, but some areas may be restricted to less than 10 ft. due to the close proximity of the high pressure gas lines.• Cabeno Environmental Services was on-site on Monday (8/13/12) to perform additional exploratory borings in the vicinity of the high pressure gas pipelines to determine the extent of impacted soil in the vicinity.• Two loads of bed ash were delivered to the site on Tuesday (8/14/12) to amend the remaining soils from Area TA (approximately 250-300 CY). This soil was approved for transport and disposal on Friday (8/17/12) by Waste Management.

Tasks	Environmental Activities
General Description of Work Performed (cont.)	<ul style="list-style-type: none"> Rusmar foam, paired with an odor mitigation system along the western fence line, was utilized daily to mitigate odors. Woodchips were also utilized as needed for additional odor control. Excavated soils were loaded and transported to Waste Management's Laraway Road RDF landfill for disposal. A total of 7,170 tons of material was disposed of at the landfill bringing the overall project total to 260,866 tons. Utilized GPS to locate pertinent items and features. NRT conducted air monitoring activities for PM₁₀ through the use of DustTraks, 12-hour time-weighted samples for BTEX and Naphthalene through the use of SUMMAs, and real time VOC concentrations using PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none"> DustTraks collected particulate data each day and data has been downloaded for analysis. Eight post-excavation floor samples were collected. Four samples were collected at 14' bgs from Area U (EB-149, EB-150, EB-151 and EB-155), three samples were taken in Area TA (EB-152, EB-153 and EB-154), and one sample was taken in the PRA south of Areas TA and T (EB-156). These samples will be analyzed for constituents listed in the RAWP for post-excavation. Three post-excavation wall samples were collected. Two samples were collected on the south wall of Area U (EW-39 and EW-40) and one sample (EW-41) was taken from the PRA south of Areas TA and T. These samples will be analyzed for constituents listed in the RAWP for post-excavation. Three SUMMA canisters were deployed on 8/15/12 and sent to TestAmerica Laboratory for BTEX and naphthalene analysis.
NRT Field Personnel	Ron Horan, Kyle Bareither, and Vince Giuliani
Equipment Deployed:	SUMMA Canisters DustTraks PIDs Multi-gas meter
Field Photos	See attached sheets

Additional site activities:

Water is being pumped from the open excavations as needed. Water is sent through the Water Treatment System and discharged into the City of Chicago sewer for discharge into the MWRD system.

North Shore Environmental was on-site to locate natural gas pipelines and their orientations.

Work planned for the coming week, August 19, 2012 through August 25, 2012, is as follows:

- Provide oversight for the continuing excavation of Area T and the PRA south of Areas TA and T.
- Take additional floor and wall samples in Area T, Area TA and the PRA south of Areas TA and T as they become available.
- Provide oversight for the placement of ORC Advanced by Regenesys in the additional excavation north of Area A.
- Conduct full scale air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation, post-amendment, and air sampling data from TestAmerica.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

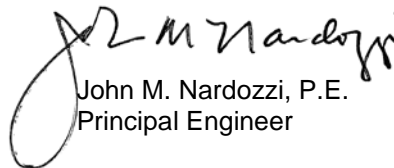
Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist



John M. Nardozzi, P.E.
Principal Engineer

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: Cabeno Environmental Services performing geo-probes along pipeline.

Direction: Facing southeast.

Photo Date: 8/13/2012

Photo Taken By: KJB



Photo 2: Tecnica amending soils from Area TA.

Direction: Facing east.

Photo Date: 8/14/2012

Photo Taken By: KJB



Photo 3: NRT sampling Area U and the PRA south of Area S.

Direction: Facing south.

Photo Date: 8/14/2012

Photo Taken By: RJH

Field Photos (continued):



Photo 4: Tecnica sloping the southern extent of Area U.

Direction: Facing east.

Photo Date: 8/15/2012

Photo Taken By: RJH



Photo 5: Tecnica excavating the PRA south of Areas TA and T.

Direction: Facing north.

Photo Date: 8/16/2012

Photo Taken By: KJB



Photo 6: General view of foaming and excavation activities in the PRA south of Areas TA and T.

Direction: Facing north.

Photo Date: 8/17/2012

Photo Taken By: RJH



1431 Opus Place, Suite 400
Downers Grove, Illinois 60515

Week of: 8/12/12 to 8/18/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Others

- None

Integrus Peoples Gas Personnel Onsite

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Interra
- North Shore Environmental
- CTI

Others

- Natural Resource Technology (NRT)
- Waste Management (WM) Dave Weber, Steve Jiskra, Holly Nie, and Vito Pesoli (MT)

Miscellaneous Visitors

- Raj Patel (Interra)
- Patrick Shemroske (Nash)
- Dan McCarthy (CTI)

Site Activities

BURNS & MCDONNELL

- Managed site activities with Tecnica Environmental Services, North Shore Environmental, CTI, and Interra;
- Escorted Interra personnel during their site visit;
- Pumped and discharged 57,340 gallons of treated excavation water to MWRD;
- Issued truck tracking forms for all excavated soils from Areas south of U, TA, and U;
- Tracked 383 loads (7,169.71 tons) for Direct soils disposal at Laraway Landfill;
- Received 946 loads of CA-6 (21,482.08 tons) and 26 loads of CA-1 (522.60 tons) for backfill in Areas S, south of S, panhandle of U, and TA;
- Received 2 loads of bed ash (48.91 tons) and 2 loads of wood chips (165 cubic yards);
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area with no significant PID readings from the site activities;

- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management; and
- Monitored site conditions for traffic, dust, odors (operated misting system), and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Excavated and loaded out soils from Areas south of U, TA, and U;
- Controlled odors through foaming (20 drums used), wood chips, and misting system;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Assisted BMcD in waste water treatment and misting system operation and maintenance;
- Continuously monitored site fencing, silt fence, and erosion control materials;
- Performed routine maintenance on decon pad, tracking pad, and haul roads;
- Continued breaking concrete generated from potential area south of U; and
- Continued backfill Areas south of S, panhandle of U, TA and U;

NORTH SHORE ENVIRONMENTAL

- Performed hydro excavation to determine depth and locations of high pressure lines on site for later pipe excavation.

CTI

- Continued collecting seismic data as required by City of Chicago Water Department

INTERRA

- Performed compaction tests on CA-6 during backfill of Areas south of S, panhandle of U and TA.

Changes to Scope of Work

- Continued support for PGL pipe excavation currently on hold. Regular meeting with Peoples Gas Operations are taking place to plan future remediation around the high pressure gas pipes.
- Additional excavation south of Area TA and T due to visual source material outside the original scope.

Open/Outstanding Items

- Repair of the blown down portions of 12-foot high fence as a result of the violent storm that went through. Additional bracing system for the fence will not be implemented by direction of Integrys/PGL.

Anticipated Activities for the Week of August 19, 2012

- Continue backfilling Areas TA and U;
- Excavate in 10 foot increments south of original TA and T;
- Excavate and load out soils in areas south of TA and T;
- Finish repairing the damage sections of the 12-foot fence;
- Continue hydro excavation to determine depth and locations of high pressure lines;
- Continue to operate and maintain misting system and T; and
- Continue to operate and maintain misting system.



Crawford Station Site:

Remediation

Date: August 13, 2012

Description: Looking east from potential area S. Additional excavation continued south of Area U due to visual source material outside the original scope boundaries.



Crawford Station Site:

Remediation

Date: August 14, 2012

Description: Looking southeast from Area O. The remaining soil from Area TA is being amended using bed ash to reduce benzene concentration.



Crawford Station Site:

Remediation

Date: August 14, 2012

Description: View from area AA looking northeast. Tecnica continued to control odors through foaming and wood chips during loading and digging activities.



Crawford Station Site:

Remediation

Date: August 15, 2012

Description: Looking south from area S. Tecnica cleaning up side wall of Area south of U outside of the original scope boundaries for later soil sample collection.